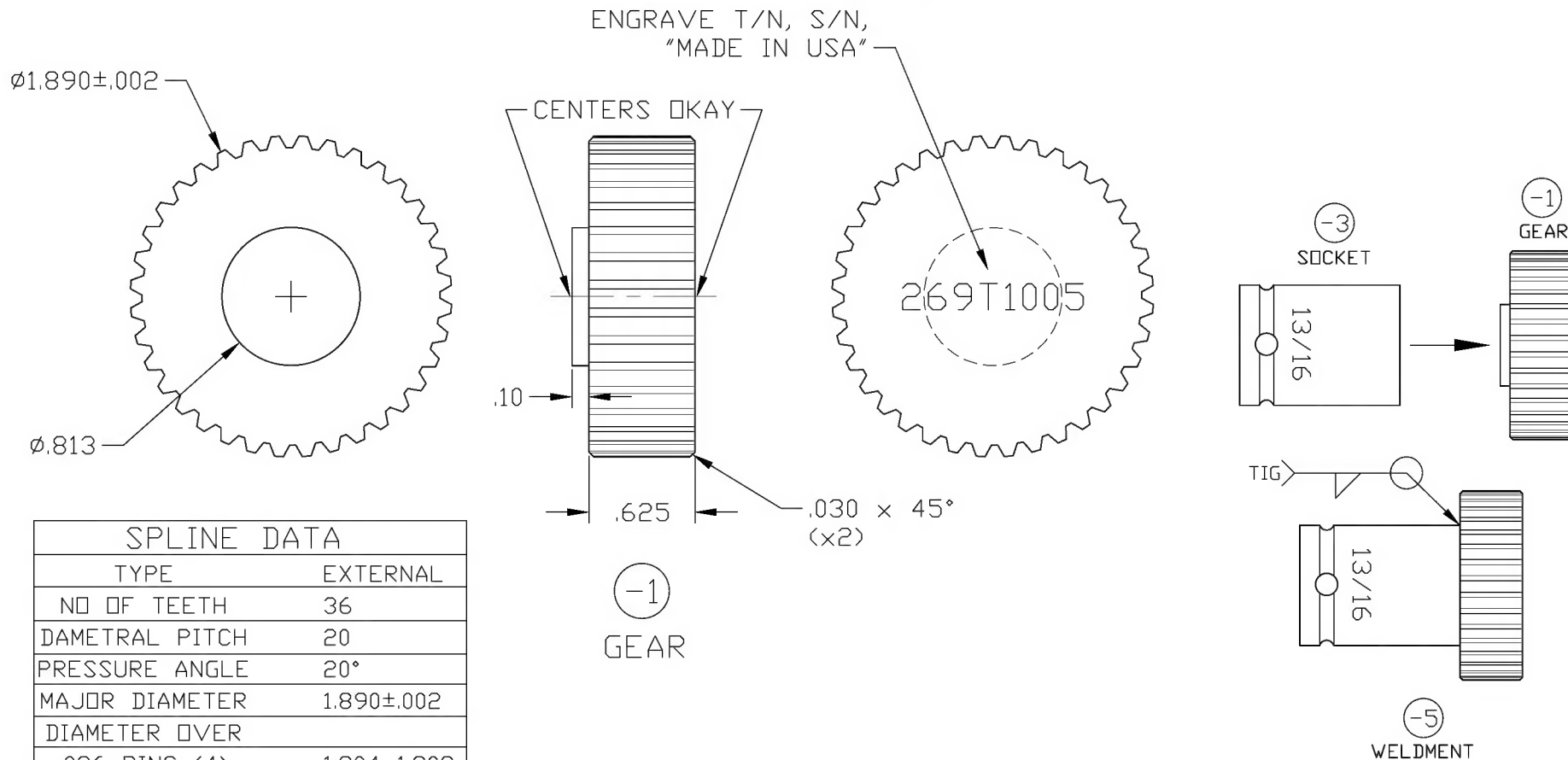


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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
A	CH'D TITLEBLOCK & REVISION BLOCK, ADDED ENGRAVE NOTE, ADDED .030 x 45° CHAMFER P/N -1 PER D.W.	11/20/09	RJC
B	CH'D -1 MATERIAL FROM CR 4140 PER D.W., CORRECTED MINOR DIAMETER TO MAJOR DIAMETER IN THE SPLINE DATA TABLE.	9/20/12	RJC



SPLINE DATA	
TYPE	EXTERNAL
NO OF TEETH	36
DAMETRAL PITCH	20
PRESSURE ANGLE	20°
MAJOR DIAMETER	1.890±.002
DIAMETER OVER	
.086 PINS (4)	1.904-1.909

NOTE:

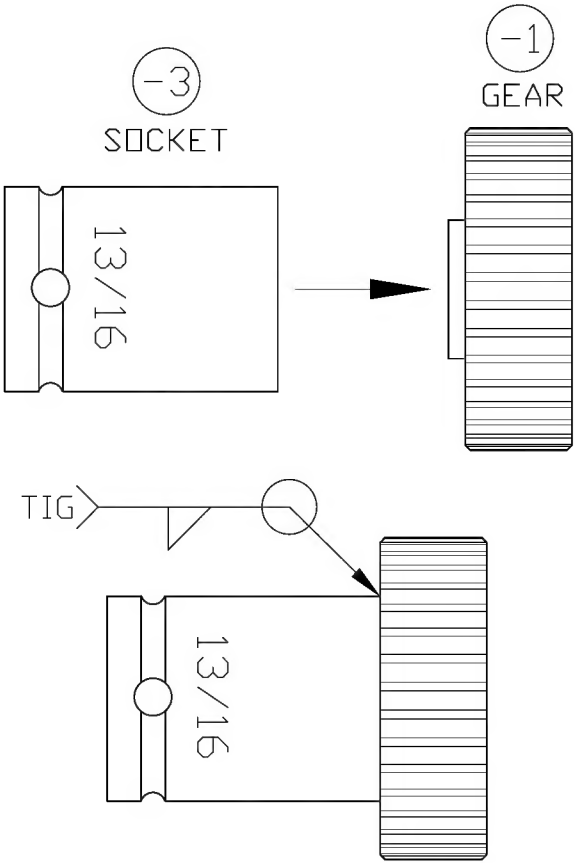
- IF AVAILBLE USE SCRAP 269A5559 BELT DRIVE. ANNEAL BEFORE MACHINING. TURN STUB OFF Ø13/16 x 3/8-5/8 LONG.
- IF UNAVAILABLE TURN OD TO SIZE, SEND OUT FOR SPLINING, CUT TO LENGTH & FACE. ASSEMBLE WITH SOCKET AND WELD.

ASSY QTY	QTY	B/D	PART #	QTY	DESCRIPTION	MATERIAL	B/D INFORMATION OR SPECIFICATIONS
1		-1			GEAR	4140	Ø2 x 7/8
1		B/D	-3		SOCKET		1/2 DR. 13/16 UNCOATED OR BLACK - PROTO #7426H
1		-5	1		WELDMENT		
ASSY	-5						

RED BARN MACHINE	
TITLE	ENGINE TURNING TOOL
DWG NO.	269T1005
REV	B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	DECIMALS
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	NTS
DATE	10-26-01
SHEET	1 of 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



WELD DETAIL

PART #	QTY	DESCRIPTION
-1	1	GEAR
-3	1	SOCKET

DRAWN BY:	COLE
CHECKED	
HEAT TREAT	
FINISH SPEC	BLACK OXIDE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX ± .010	FRACTIONS ± 1/32
.XX ± .03	ANGLES ± .5°
.X ± .1	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

RB RED BARN MACHINE	
TITLE	
ENGINE TURNING TOOL	
DWG NO.	REV
269T1005	
SCALE	DATE
NTS	10-11-04
SHEET	1 of 1